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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/027,572	12/20/2001	Dinesh Kashinath Anvekar	P00049	9985
7590	07/29/2004		EXAMINER	
John T. Peoples 14 Blue Jay Court Warren, NJ 07059			ZEWDU, MELESS NMN	
			ART UNIT	PAPER NUMBER
			2683	
			DATE MAILED: 07/29/2004	

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/027,572	ANVEKAR ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Meless N Zewdu	2683	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### **Status**

- 1) Responsive to communication(s) filed on \_\_\_\_\_.
- 2a) This action is **FINAL**.                                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### **Disposition of Claims**

- 4) Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 1-18 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### **Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on 20 December 2001 is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### **Priority under 35 U.S.C. § 119**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All
  - b) Some \*
  - c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### **Attachment(s)**

- 1) Notice of References Cited (PTO-892)
- 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date 2.
- 4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) Notice of Informal Patent Application (PTO-152)
- 6) Other: \_\_\_\_\_.

## **DETAILED ACTION**

1. This action is the first on the merit of the instant application.
2. Claims 1-18 are pending in this action.

### ***Claim Objections***

Claim 13 is objected to because of the following informalities: there are two claims designated as claim 13. One is independent and the other is dependent. Appropriate correction is required.

### ***Claim Rejections - 35 USC § 112***

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claim 1 recites the limitation "the originator of the SMS message" in lines 5-6.

There is insufficient antecedent basis for this limitation in the claim.

Claim 7 recites the limitation "by the initiator of the teleconference" in lines 1-2.

There is insufficient antecedent basis for this limitation in the claim.

Claim 14 recites the limitation "by the originator of the SMS message" in lines 6-

7. There is insufficient antecedent basis for this limitation in the claim.

Claim 2 recites the limitation "the requested value-added" in lines 11. There is insufficient antecedent basis for this limitation in the claim. Because of the potential for confusing, examiner left the claims (particularly claims after claim 12 unchanged or unrenumbered.

***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, and 4-18 are rejected under 35 U.S.C. 102(b) as being anticipated by Alperovich et al. (Alperovich) (WO 99/57927).

**As per claim 1:** a method for processing a short message service (SMS) message comprising:

embedding a value-added directive in the SMS message by the originator of the SMS message, the directive being indicative of a value-added service requested by the originator reads on "927 (abstract).

implementing the value-added service based upon the directive reads on reads on '927 (see page 3, lines 1-20).

**As per claim 2:** the method wherein the implementing includes generating a value-added message based upon the requested value-added service reads on '927 (see abstract).

**As per claim 3:** the method further including recording information about the value-added service reads on '927 (see abstract).

**As per claim 4:** the method wherein the SMS message includes a destination and the implementing includes modifying the SMS message in accordance with the value-added service and then sending the modified message to the destination reads on '927 (see abstract; page 3, lines 1-20; page 6, lines 3-12). The gateway modifies the SMS when it unpacks the header contained in the SMS.

**As per claim 5:** the method wherein the originator is identified by a member identifier, the directive associates the member identifier with information about the member stored in a database, and implementing includes substituting information about the member into the SMS message based upon the directive and with reference to the database reads on '927 ( see abstract; fig. 2; page 2, line 27-page 3, line 31; page 4, line 12-page 5, line 6; page 6, lines 3-24).

**As per claim 6:** the method wherein the directive relates to a teleconferencing and includes telephone numbers or member identifiers of participants and the implementing include initiating a teleconference call to each of the participant reads on '927 (see abstract; page 4, line 25-page 5, line 7; page 6, lines 3-24).

**As per claim 7:** a method for processing a short message service (SMS) message comprising:

embedding a value-added directive in the SMS message by the originator of the SMS message, the directive being indicative of a value-added service requested by the originator reads on "927 (abstract).

processing the directive reads on '927 (see fig. 2; abstract; page 3, lines 1-20).

implementing the value-added service based upon the directive in the SMS reads on reads on '927 (see page 3, lines 1-20).

**As per claim 8:** the method wherein the processing includes extracting the directive from the SMS message and converting the directive into format suitable for efficient processing reads on '927 (see abstract; page 6, lines 3-24).

**As per claim 9:** the method further including recording information about the value-added service reads on '927 (see abstract).

**As per claim 10:** the method wherein the SMS message includes a destination and the implementing includes modifying the SMS message in accordance with the value-added service and then sending the modified SMS message to the destination reads on '927 (see abstract; page 3, lines 1-20; page 6, lines 3-32).

**As per claim 11:** the method wherein the originator is identified by a member identifier, the directive associates the member identifier with information about the member stored in a database, and implementing includes substituting information about the member into the SMS message based upon the directive and with reference to the database reads on '927 ( see abstract; fig. 2; page 2, line 27-page 3, line 31; page 4, line 12-page 5, line 6; page 6, lines 3-24).

**As per claim 12:** the feature of claim 12 is similar to the feature of claim 6. Hence, claim 12 is rejected on the same ground as claim 6.

**As per claim 13:** the method wherein the directive is a tele-message and includes information relating to a destination and an appointed time of the tele-message and

implementing includes sending the tele-message to the destination at the appointed time reads on '927 (see page 4, line 25-page 5, line 6; page 13, lines 9-12). The prior art discloses that other information can be included in the header. So, time or other information need could have been added into the broadcasting SMS message of the prior art.

**As per claim 13:** the feature of claim 13 is similar to the feature of claim 1. Hence, claim 1, is rejected on the same ground as claim 1.

**As per claim 14:** the features of claim 14 are similar to the features of claim 1. The only difference between claims 1 and 14 is that the first is a method claim and the later a system which is provided by (figs. 2-3) of the prior art. Hence, claim 14 is rejected on the same ground as claim 1.

**As per claim 15:** a system for delivering a short message service (SMS) message transmitted over a channel and having an embedded value-added directive (see abstract), the system comprising:

an input gateway for detecting the SMS message on the channel reads on '927 (see page 3, lines 8-10).

a format converter, responsive to the gateway, for extracting the directive and for re-formatting the directive reads on '927 (see abstract; page 4, lines 12-20; page 6, lines 3-24). The prior art's SMS service is from point-to-point which inherently has to have several forting and reformatting depending upon the path to be crisscrossed.

a processor, responsive to the format converter, for performing specialized value-added data processing functions to modify the SMS message based upon the value-

added directive reads on '927 (see abstract; figs. 2 and 3; page 2, line 27-page 3, line 20; page 5, line 28page 6, line 24).

an output gateway, responsive to the SMS processor, for converting the modified SMS message to a form suitable for delivery and for transmitting the modified SMS message onto the channel reads on '927 9see abstract, fig. 2; page 2, line 27-page 3, line 29). It is inherent for a gateway to change/convert protocols from one standard to another. It is for this purpose (protocol exchange) that gateways are placed in between de-similar networks.

**As per claim 16:** the system wherein the processor includes a SMS processor for adding routing information to the SMS message reads on '927 (see abstract; page 5, line 28-page 6, line 12).

**As per claim 17:** the system wherein the processor includes a memory for recording information about value-added data processing functions performed reads on '927 (see abstract; figs. 2 and 3; page 10, lines 12-27).

**As per claim 18:** a system for initiating a teleconference via a short message service (SMS) message comprising:

means for embedding teleconference directive in the SMS message by the initiator of the teleconference reads on '927 (see abstract; figs. 2 and 3; page 3, lines 1-20; page 4, line 12-page 5, line 6; page 5, line 28-page 6, line 24).

teleconference bridge for establishing the teleconference based upon information in the teleconference directive reads on '927 (see abstract; page 3, lines 1-20; page 4, line 12-page 5, line 6; page 5, line 28-page 6, line 24).

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Meless N Zewdu whose telephone number is (703) 306-5418. The examiner can normally be reached on 8:30 am to 5:00 pm..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on (703) 308-5318. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Meless Zewdu

*M. Z.*

Examiner

23 July 2004.



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